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· <b>&amp;</b> /					PTO/SB/21 (08-00)	
TRANSMITTAL			Application Number		10/588,064	
			Filing Date		August 1, 2006	
			First Named Inventor		Kiyoshi KATO	
			Group Art Unit			
(to be used for all correspond	dence after	rinitial filing)	Examiner Name			
Total Number of Pages in This S	•		Attorney Docket Numb	er	0756-7772	
		ENCLOSUR	RES (check all that appl	<i>y)</i>		
☐ Fee Attached ☐ Drawing   ☐ Amendment / Reply ☐ Declara   ☐ After Final ☐ Licensing   ☐ Affidavits/declaration(s) ☐ Petition   ☐ Extension of Time Request ☐ Provision   ☐ Express Abandonment Request ☐ Power of Change Address   ☐ Information Disclosure Statement ☐ Terminal Request   ☐ Certified Copy of Priority ☐ Terminal Request   ☐ Drawing ☐ Document		Application) g(s) Ition and Power of y Ing-related Papers  to Convert to a onal Application of Attorney, Revocation of Correspondence stal Disclaimer of for Refund mber of CD(s)  The Commissioner is hereb		After Allowance Communication to Group  Appeal Communication to Board of Appeals and Interferences  Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter  Other Enclosures  1.  2.  3.  4.  5.  6.  by authorized to charge any additional payments to Deposit Account No. 50-ocket number.		
	SIGNAT	URE OF APPL	LICANT, ATTORNEY, (	OR AC	GENT	
Firm or Individual name  Eric J. Robinson, Reg Robinson Intellectual PMB 955 21010 Southbank Street			Property Law Office, reet	, P.C.		
Signature	56					
Date	July 24, 2007					
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:	)	Group Art Unit:
Kiyoshi KATO	)	Examiner:
Serial No. 10/588,064	. )	CERTIFICATE OF MAILING I hereby certify that this correspondence is
Filed: August 1, 2006	)	being deposited with the United States Postal Service with sufficient postage as First Class
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	)	adde M Stamper
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## **INFORMATION DISCLOSURE STATEMENT**

Honorable Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing information known to Applicant and requests that this information be made of record in the above identified application. Copies are submitted herewith in accordance with 37 C.F.R. 1.98(a).

In accordance with 37 C.F.R. § 1.97(e), it is certified that either (1) each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement, or (2) no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign patent application and no item of information contained in the information disclosure statement was known

to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this information disclosure statement.

Copies of U.S. patents and U.S. publications are not enclosed in accordance with the Notice published in the Official Gazette on August 5, 2003 entitled *Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003*, which waives the requirement under 37 CFR 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. publication.

The attached references were cited in a European Search Report of counterpart European Patent Application No. 05710153.7 mailed May 3, 2007.

This Information Disclosure Statement is being submitted before the issuance of a first Office Action on the merits, therefore, no fee is required.

Respectfully submitted,

Eric J. Robinson

Reg. No. 38,285

Robinson Intellectual Property Law Office, P.C.

PMB 955

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

Complete if Known				
Application Number	10/588,064			
Filing Date	August 1, 2006			
First Named Inventor	Kiyoshi KATO			
Group Art Unit				
Examiner Name				
Attorney Docket Number	0756-7772			

				U.S. PATENT DOCUMENT	rs .	
Examiner Cite Initials No.1	U.S. Patent Document		Name of Patentee or Applicant of Cited	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number	Kind Code <sup>2</sup> (if known)	Document	MM-DD-YYYY	
		5,029,131		Vancu	07/02/1991	
		4,970,691		Atsumi et al.	11/13/1990	
		4,807,188		Casagrande	02/21/1989	

Examiner Initials*	Cite No.1	Foreign Patent Document  Kind Code <sup>3</sup>		Name of Patentee or Applicant of Cited	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures	
		Office <sup>3</sup>	Number <sup>4</sup> (if known)	Document		Appear	'
		EP	0 337 393		10/18/1989		Eng.
		EP	0 293 339		11/30/1988	,	Eng.
		JP	10-154293		06/09/1998		Abst.
		JP	2002-203217		07/19/2002		Abst.
		•	OTHER PRIOR A	RT – NON PATENT LIT	ERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>				title of the article (when appropling, etc.)., date, page(s), volumentry where published.		T <sup>2</sup>
	European Search Report (Application No. 05710153.7) dated May 3, 2007.						
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number, <sup>2</sup> See attached Kinds of U.S. Paterit Documents, <sup>3</sup> Enter Office that issued the document, by the twoletter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

JUL 2.5 2007

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

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<b>Fotal Number of</b>	Pages in	n This	Submission

Application Number	10/588,064				
Filing Date	August 1, 2006				
First Named Inventor	Kiyoshi KATO				
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Examiner Name					
Attorney Docket Number	0756-7772				

	ENC	LOSURES (check all that appl	у)		
Fee Transmittal Form Fee Attached Amendment / Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53			After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosures 1. 2. 3. 4. 5. 6.		
	SIGNATURE (	OF APPLICANT, ATTORNEY, C	OR AGENT		
Firm Cor Individual name Eric J. Robinson, Reg. No. 38,285 Robinson Intellectual Property Law Office, P.C. PMB 955 21010 Southbank Street Potomac Falls, VA 20165					
Signature  Date	July 24, 2007				
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Type or printed name Adele M. Stamper					
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